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ATTY. DOCKET NO.	SERIAL NO.
GRI-00-023	
APPLICANT(S)	
Raymond J. GORTE et al.	
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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JM	AA	5,543,239	08/1996	Virkar et al.			
JM	AB	5,656,387	08/1997	Barnett et al.			
JM	AC	4,661,422	04/1987	Marianowski et al.			
JM	AD	5,306,411	04/1994	Mazanec et al.			
JM	AE	5,676,806	10/1997	Van Berkel et al.			
JM	AF	5,731,097	04/1994	Miyashita et al.			
	AG						
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
JM	AL	00/13791	03/2000	PCT				
JM	AM	01 007475	01/1989	Japan (Abstract)				
JM	AN	338 823	10/1989	EPO				
	AO							
	AP							

OTHER PRIOR ART (including Author, Title, Date, Pertinent Pages, Etc.)

JM	AR	K. Eguchi et al.: <i>Electrical properties of ceria-based oxides and their application to solid oxide fuel cells</i> , <i>Solid State Ionics</i> , 52, pp. 165-172, 1992.
JM	AS	M. Mogensen et al.: <i>Physical Properties of Mixed Conductor Solid Oxide Fuel Cell Anodes of Doped CeO₂</i> , <i>J. Electrochem. Soc.</i> , Vol. 141, No. 8, pp. 2122-2128, August 1994.
JM	AT	E.S. Putna et al.: <i>Ceria-Based Anodes for the Direct Oxidation of Methane in Solid Oxide Fuel Cells</i> , <i>Langmuir</i> , Vol. 11, No. 12, pp. 4832-4837, 1995.

EXAMINER *Julian Murch* DATE CONSIDERED *7/27/04*

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

P1005.I/10

FORM PTO-169 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. GRI-00-023	SERIAL NO.		
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OTHER PRIOR ART (including Author, Title, Date, Pertinent Pages, Etc.)							
<i>DM</i>	AR	R.T. Baker et al.: Evaluation of perovskite anodes for the complete oxidation of dry methane in solid oxide fuel cells, Solid State Ionics, 72, pp. 328-333, 1994.					
<i>DM</i>	AS	K. Asano et al.: A Novel Solid Oxide Fuel Cell System Using the Partial Oxidation of Methane, J. Electrochem. Soc., Vol. 142, No. 10, pp. 3241-3245, October 1995.					
<i>DM</i>	AT	Y. Hiei et al.: Partial oxidation of methane for internally reformed solid oxide fuel cell, Solid State Ionics, Vol. 86-88, pp. 1267-1272, 1996.					
EXAMINER	<i>Julian Mericel</i>		DATE CONSIDERED		<i>2/27/04</i>		
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USCOMM-DC 80-3985

P1005.1710

FORM PTO-1649
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
GRI-00-023

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Raymond J. GORTE et al.

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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	N.M. Sammes et al.: <i>Synthesis and properties of dense nickel and cobalt strontia cermet anodes for solid oxide fuel cells</i> , <i>J. Mat. Sci.</i> , 31, pp. 6069-6072, 1996.	
AS	C.H. Bartholomew: <i>Carbon Deposition in Steam Reforming and Methanation</i> , <i>Catal. Rev.-Sci. Eng.</i> , 24 (1), pp. 67-112, 1982.	
AT	T. Kawada et al: <i>Electrical properties of transition-metal-doped YSZ</i> , <i>Solid State Ionics</i> , Vol. 53-56, pp. 418-425, 1992.	

EXAMINER

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P1005.1/10

FORM PTO-144B (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. GRJ-00-023	SERIAL NO.		
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<i>JM</i>	AR	T. Tsai et al.: <i>Effect of Mixed-Conducting Interfacial Layers on Solid Oxide Fuel Cell Anode Performance</i> , <i>J. Electrochem. Soc.</i> , Vol. 145, No. 5, pp. 1696-1701, May 1998.					
<i>JM</i>	AS	H. Itoh et al.: <i>Configurational and Electrical Behavior of Ni-YSZ Cermet with Novel Microstructure for Solid Oxide Fuel Cell Anodes</i> , <i>J. Electrochem. Soc.</i> , Vol. 144, No. 2, pp. 641-646, February 1997.					
<i>JM</i>	AT	H. Itoh et al.: <i>Improved Microstructure of Ni-YSZ Cermet Anode for SOFC with a Long Term Stability</i> , <i>Denki Kagaku</i> , Vol. 64, No. 6, pp. 549-554, 1996.					
EXAMINER <i>Julian Merle</i>		DATE CONSIDERED <i>2/27/04</i>					

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AP							

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AR	H. Alqahtany et al.: Methane Steam Reforming over Fe Electrodes in a Solid Electrolyte Cell, Energy & Fuels, 7, pp. 495-504, 1993.		
	AS		
AT			

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